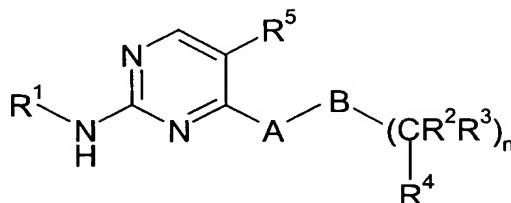


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CLAIMS

1. A compound of the formula 1

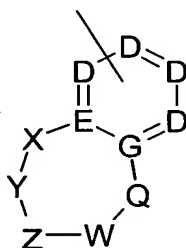


1

or a pharmaceutically acceptable salt, solvate, hydrate, or prodrug thereof,

10

wherein R¹ has the following formula 2



2

wherein each D is independently selected from the group consisting of CR⁸ and N, with the proviso that R¹ is linked to NH group through a ring carbon atom;

15

wherein E and G are independently selected from the group consisting of N and C;

wherein X, W and Q are independently selected from the group consisting of N, O, S, SO₂, CO, NR³, CR² and CR²R³;

wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, O, S, SO₂, CO, NR³, CR² and CR²R³;

20

wherein A is present or absent, if present A is selected from the group consisting of O, S and NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO₂, and NR⁶, with the proviso that when A is O or S that B is absent;

wherein n is an integer from 1 to 3;

25

wherein each R² is independently selected from the group consisting of H, C₁-C₆ alkyl, C₃-C₇ cycloalkyl, C₄-C₇ heterocycloalkyl, OC₁-C₆ alkyl, OC₃-C₇ cycloalkyl, OC₄-C₇ heterocycloalkyl, NH₂, NHR⁶, NR⁶R⁷, SR⁶, SOR⁶, SO₂R⁶, CO₂R⁶, CONH₂, CONHR⁶, CONR⁶R⁷, SO₂NH₂, SO₂NHR⁶, SO₂NR⁶R⁷, NHCOR⁶, NR⁶CONR⁶, NHCONHR⁶, NR⁶CONHR⁶, NHCONR⁶R⁷, NR⁶CONR⁶R⁷, NHSO₂R⁶, NR⁶SO₂R⁶, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C₁-C₆ alkyl, CN, NH₂,

30

5 NHR^{10} , $\text{N}(\text{R}^{10})_2$, OR^{10} , $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, CO_2R^{11} , CONH_2 , CONHR^{11} , and $\text{CONR}^{11}\text{R}^{12}$;

 wherein each R^3 is independently selected from the group consisting of H, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, CO_2R^6 , CONH_2 , CONHR^6 , CONR^6R^7 or R^2 and R^3 taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring
10 or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, $\text{C}_1\text{-C}_6$ alkyl, CN, NH_2 , NHR^{10} , $\text{N}(\text{R}^{10})_2$, OR^{10} , $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$
15 heterocycloalkyl, CO_2R^{11} , CONH_2 , CONHR^{11} , and $\text{CONR}^{11}\text{R}^{12}$;

 wherein R^4 is selected from the group consisting of H, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, $\text{C}_6\text{-C}_{10}$ aryl, and 5-10 membered heteroaryl, the alkyl, cycloalkyl, heterocycloalkyl, aryl and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, OH, NO_2 , $\text{C}_1\text{-C}_6$
20 alkyl, $\text{C}(\text{R}^6)=\text{CR}^6\text{R}^7$, $\text{C}\equiv\text{CR}^6$, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, $\text{OC}_1\text{-C}_6$ alkyl, $\text{OC}_3\text{-C}_7$ cycloalkyl, $\text{OC}_4\text{-C}_7$ heterocycloalkyl, $\text{C}=\text{N-OH}$, $\text{C}=\text{N-O}(\text{C}_1\text{-C}_6 \text{ alkyl})$, NH_2 , NHR^6 , NR^6R^7 , SR^6 , SOR^6 , SO_2R^6 , CO_2R^6 , CONH_2 , CONHR^6 , CONR^6R^7 , SO_2NH_2 , SO_2NHR^6 , $\text{SO}_2\text{NR}^6\text{R}^7$, NHCOR^6 , NR^6CONR^6 , NHCONHR^6 , $\text{NR}^6\text{CONHR}^6$, $\text{NHCONR}^6\text{R}^7$, $\text{NR}^6\text{CONR}^6\text{R}^7$, NHSO_2R^6 , $\text{NR}^6\text{SO}_2\text{R}^6$, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon
25 atom bound to another heteroatom;

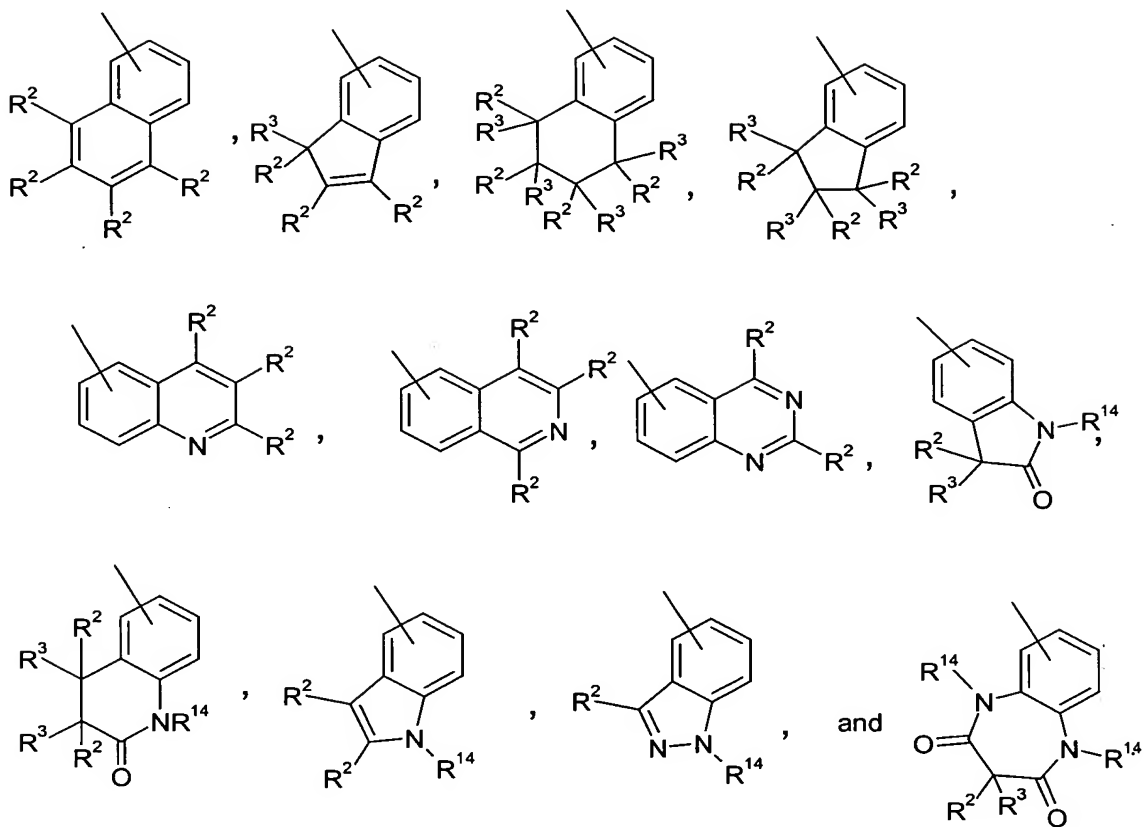
 wherein R^5 is selected from the group consisting of H, Br, Cl, CN, CF_3 , CH_2F , CHF_2 , SO_2CH_3 , CONH_2 , cyclopropyl, cyclobutyl, C_6H_5 , CONHR^6 , CONR^6R^7 , CO_2R^6 , $\text{C}(\text{R}^9)=\text{C}(\text{R}^9)_2$, and $\text{C}\equiv\text{CR}^9$;

 wherein each R^6 is independently selected from the group consisting of H, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, $\text{C}_6\text{-C}_{10}$ aryl, and 5-10 membered heteroaryl, said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, $\text{C}_1\text{-C}_6$ alkyl, CN, NH_2 , NHR^{10} , $\text{N}(\text{R}^{10})_2$, OR^{10} , $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, CO_2R^{11} , CONH_2 , CONHR^{11} , and $\text{CONR}^{11}\text{R}^{12}$;

35 wherein each R^7 is independently selected from the group consisting of H, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl, $\text{C}_6\text{-C}_{10}$ aryl, and 5-10 membered heteroaryl, said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, $\text{C}_1\text{-C}_6$ alkyl, CN, NH_2 , NHR^{10} , $\text{N}(\text{R}^{10})_2$, OR^{10} , $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_3\text{-C}_7$ cycloalkyl, $\text{C}_4\text{-C}_7$ heterocycloalkyl,
40 CO_2R^{11} , CONH_2 , CONHR^{11} , and $\text{CONR}^{11}\text{R}^{12}$;

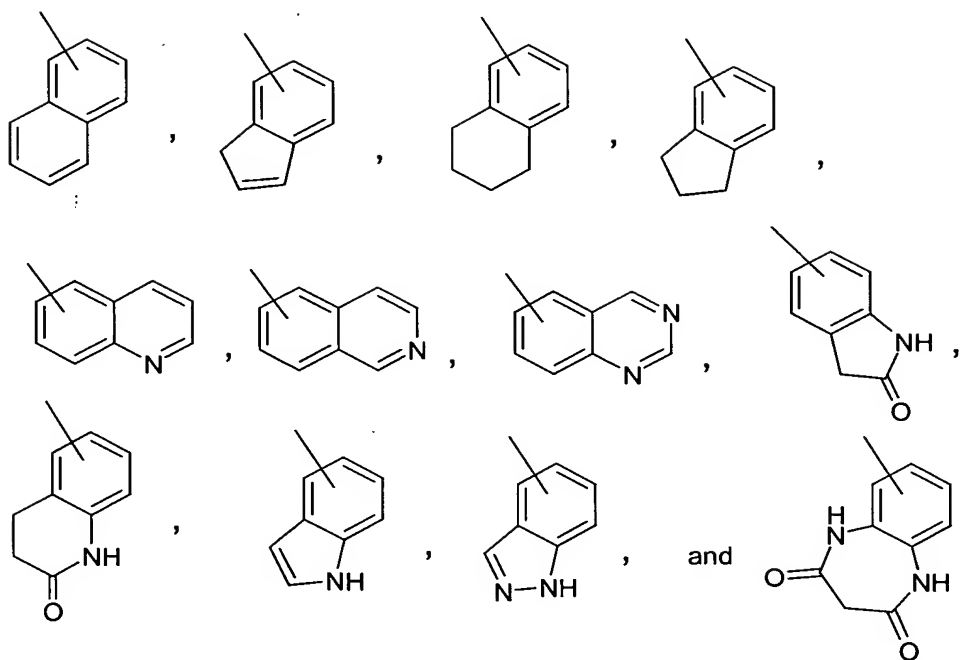
- 5 wherein each R^8 is independently selected from the group consisting of H, halo, cyano, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, OC_1-C_6 alkyl, OC_3-C_7 cycloalkyl, OC_4-C_7 heterocycloalkyl, NH_2 , NHR^6 , NR^6R^7 , SR^6 , SOR^6 , SO_2R^6 , CO_2R^6 , $CONH_2$, $CONHR^6$, $CONR^6R^7$, SO_2NH_2 , SO_2NHR^6 , $SO_2NR^6R^7$, $NHCOR^6$, NR^6CONR^6 , $NHCONHR^6$, NR^6CONHR^6 , $NHCONR^6R^7$, $NR^6CONR^6R^7$, $NHSO_2R^6$, $NR^6SO_2R^6$, said alkyl, cycloalkyl, and heterocycloalkyl
- 10 moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C_1-C_6 alkyl, CN, NH_2 , NHR^3 , $N(R^3)_2$, OR^3 , C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^6 , $CONH_2$, $CONHR^6$, and $CONR^6R^7$; and
- wherein each R^9 is independently selected from the group consisting of H, CF_3 , and C_1-C_6 alkyl, said C_1-C_6 alkyl is optionally substituted by 1 to 6 halo atoms;
- 15 wherein each R^{10} is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^{11} , $CONH_2$, $CONHR^{11}$, $CONR^{11}R^{12}$, SOR^{11} , SO_2R^{11} , SO_2NH_2 , SO_2NHR^{11} , $SO_2NR^{11}R^{12}$; said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C_1-C_6 alkyl, CN, NH_2 , NHR^{13} , $N(R^{13})_2$, OR^{13} , C_1-C_6 alkyl, C_3-C_7
- 20 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^{14} , $CONH_2$, $CONHR^{14}$, and $CONR^{14}R^{15}$;
- wherein each R^{11} is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, C_6-C_{10} aryl, C_5-C_{10} membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,
- 25 C_1-C_6 alkyl, CN, NH_2 , NHR^{13} , $N(R^{13})_2$, OR^{13} , C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^{14} , $CONH_2$, $CONHR^{14}$, and $CONR^{14}R^{15}$;
- wherein each R^{12} is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, C_6-C_{10} aryl, C_5-C_{10} membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally
- 30 substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C_1-C_6 alkyl, CN, NH_2 , NHR^{13} , $N(R^{13})_2$, OR^{13} , C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^{14} , $CONH_2$, $CONHR^{14}$, and $CONR^{14}R^{15}$;
- wherein each R^{13} is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^{14} , $CONH_2$, $CONHR^{14}$, $CONR^{14}R^{15}$, SOR^{14} ,
- 35 SO_2R^{14} , SO_2NH_2 , SO_2NHR^{14} , $SO_2NR^{14}R^{15}$;
- wherein each R^{14} is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, C_6-C_{10} aryl, C_5-C_{10} membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo,
- 40 C_1-C_6 alkyl, CN, NH_2 , NH C_1-C_6 alkyl, $N(C_1-C_6$ alkyl) $_2$, $O-C_1-C_6$ alkyl; and

- 5 wherein each R^{15} is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, C_6-C_{10} aryl, C_5-C_{10} membered heteroaryl; said alkyl, cycloalkyl, heterocycloalkyl, aryl, and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C_1-C_6 alkyl, CN, NH_2 , $NH-C_1-C_6$ alkyl, $N(C_1-C_6$ alkyl) $_2$, $O-C_1-C_6$ alkyl.
- 10 2. A compound according to claim 1, wherein E and G are independently selected from the group consisting of N and C;
- wherein X, W and Q are independently selected from the group consisting of N, O, CO, NR^3 , CR^2 and CR^2R^3 ; and
- wherein Y and Z are independently present or absent, if present Y and Z are selected
15 from the group consisting of N, O, CO, NR^3 , CR^2 and CR^2R^3 .
3. A compound according to claim 2, wherein E and G are independently selected from the group consisting of N and C;
- wherein X, W and Q are independently selected from the group consisting of N, CO, NR^3 , CR^2 and CR^2R^3 ; and
- 20 wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, CO, NR^3 , CR^2 and CR^2R^3 .
4. A compound according to claim 3, wherein E and G are C;
- wherein X, W and Q are independently selected from the group consisting of N, CO, NR^3 , CR^2 and CR^2R^3 ; and
- 25 wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, CO, NR^3 , CR^2 and CR^2R^3 .
5. A compound according to claim 4, wherein E and G are C;
- wherein X, W and Q are independently selected from the group consisting of N, NR^3 , CR^2 and CR^2R^3 ; and
- 30 wherein Y and Z are independently present or absent, if present Y and Z are selected from the group consisting of N, NR^3 , CR^2 and CR^2R^3 .
6. A compound according to claim 5, wherein R^2 is selected from the group consisting of:



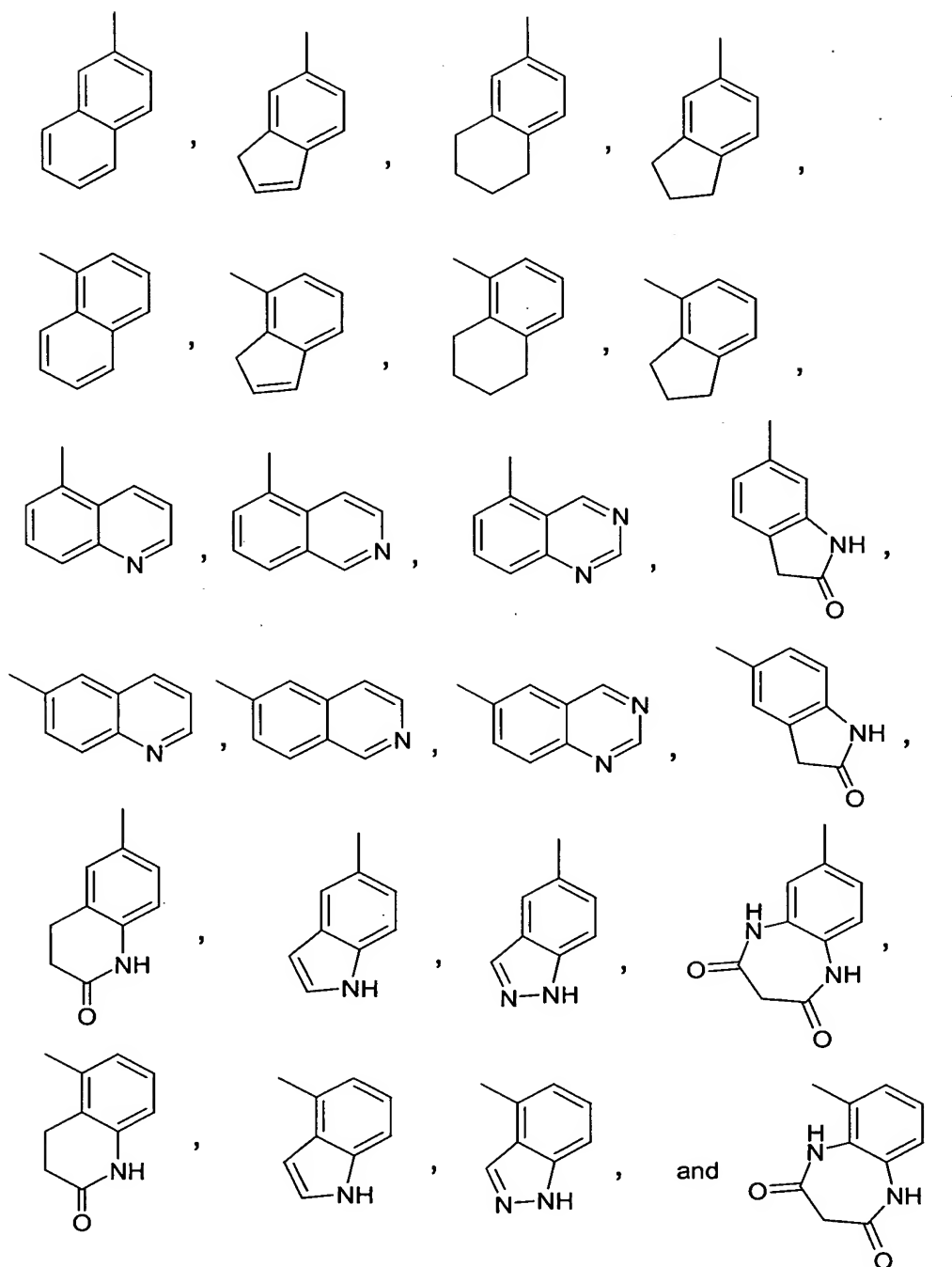
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7. A compound according to claim 6, wherein R^2 is selected from the group consisting of:



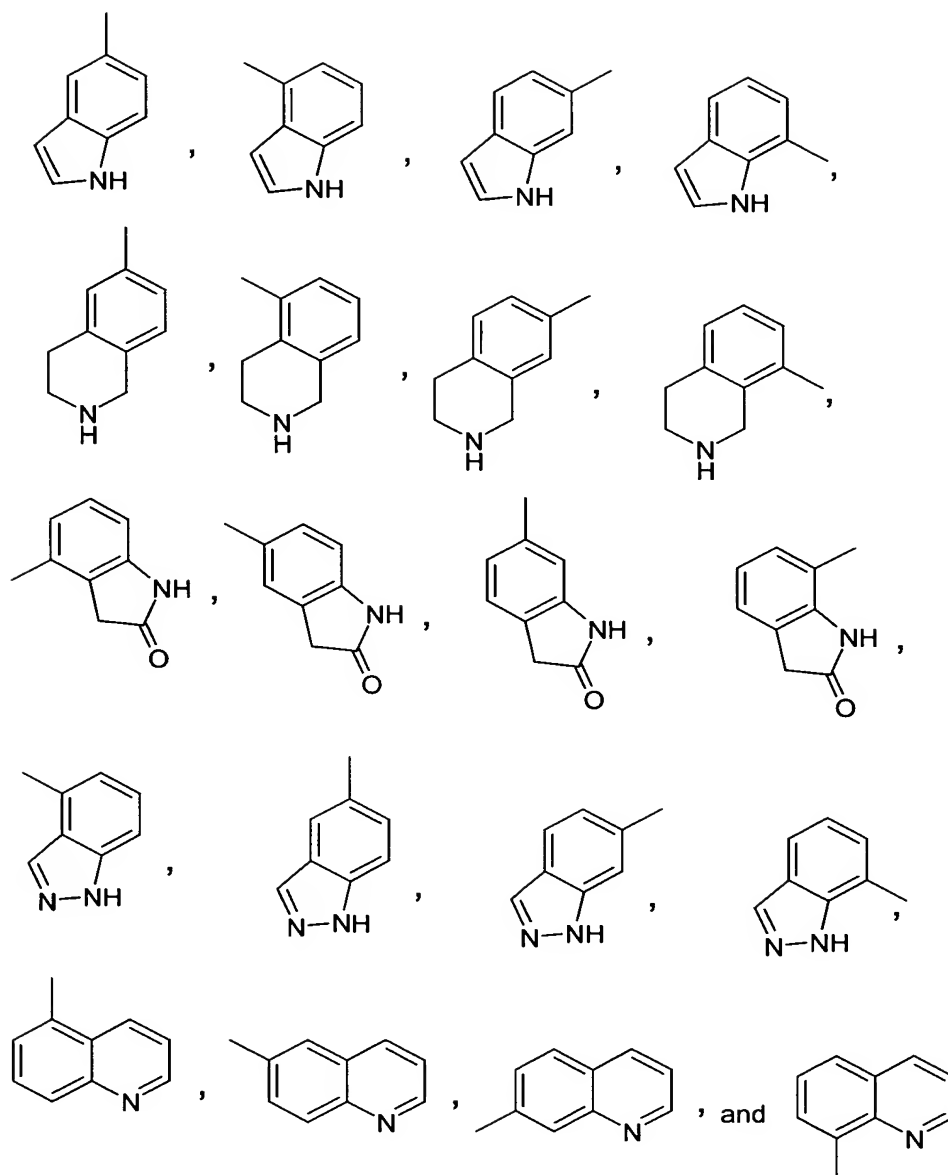
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9. A compound according to claim 5, wherein R^2 is selected from the group consisting of:



5

10. A compound according to claim 6, wherein R^2 is selected from the group consisting of:



5

11. The compound according to claim 1, wherein wherein A is present or absent, if present A is selected from the group consisting of O and NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO₂, and NR⁶, with the proviso that when A is O that B is absent.

10

12. The compound according to claim 11, wherein wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is selected from the group consisting of CO, SO₂, and NR⁶.

- 5 13. The compound according to claim 12, wherein wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is selected from the group consisting of CO and NR⁶.
14. The compound according to claim 13, wherein wherein A is present or absent, if present A is NH and wherein B is present or absent, if present B is CO.
- 10 15. The compound according to claim 14, wherein wherein A is present or absent, if present A is NH and wherein B is absent.
16. The compound according to claim 15, wherein wherein A is NH and wherein B is absent.
17. The compound according to claims 1, and 11-16 wherein each R² is
15 independently selected from the group consisting of H, C₁-C₆ alkyl, C₃-C₇ cycloalkyl, C₄-C₇ heterocycloalkyl, OC₁-C₆ alkyl, OC₃-C₇ cycloalkyl, OC₄-C₇ heterocycloalkyl, NH₂, NHR⁶, NR⁶R⁷, SR⁶, SOR⁶, SO₂R⁶, CO₂R⁶, CONH₂, CONHR⁶, CONR⁶R⁷, NHCOR⁶, NR⁶CONR⁶, NHCONHR⁶, NR⁶CONHR⁶, NHCONR⁶R⁷, NR⁶CONR⁶R⁷, NHSO₂R⁶, NR⁶SO₂R⁶, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another
20 heteroatom, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C₁-C₆ alkyl, CN, NH₂, NHR¹⁰, N(R¹⁰)₂, OR¹⁰, C₁-C₆ alkyl, C₃-C₇ cycloalkyl, C₄-C₇ heterocycloalkyl, CO₂R¹¹, CONH₂, CONHR¹¹, and CONR¹¹R¹²; and
- wherein each R³ is independently selected from the group consisting of H, C₁-C₆ alkyl,
25 C₃-C₇ cycloalkyl, C₄-C₇ heterocycloalkyl, CO₂R⁶, CONH₂, CONHR⁶, CONR⁶R⁷ or R² and R³ taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups
30 are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C₁-C₆ alkyl, CN, NH₂, NHR¹⁰, N(R¹⁰)₂, OR¹⁰, C₁-C₆ alkyl, C₃-C₇ cycloalkyl, C₄-C₇ heterocycloalkyl, CO₂R¹¹, CONH₂, CONHR¹¹, and CONR¹¹R¹²;
18. The compound according to claim 17 wherein each R² is independently selected from the group consisting of H, C₁-C₆ alkyl, C₃-C₇ cycloalkyl, C₄-C₇ heterocycloalkyl,
35 OC₁-C₆ alkyl, OC₃-C₇ cycloalkyl, OC₄-C₇ heterocycloalkyl, NH₂, NHR⁶, NR⁶R⁷, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C₁-C₆ alkyl, CN, NH₂, NHR¹⁰, N(R¹⁰)₂, OR¹⁰, C₁-C₆ alkyl, C₃-C₇ cycloalkyl, C₄-C₇
40 heterocycloalkyl, CO₂R¹¹, CONH₂, CONHR¹¹, and CONR¹¹R¹²; and

5 wherein each R^3 is independently selected from the group consisting of H, C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^6 , $CONH_2$, $CONHR^6$, $CONR^6R^7$ or R^2 and R^3 taken together with the carbon atom they are linked to can form a 3-7 membered cycloalkyl ring or 4-7 membered heterocycloalkyl ring, wherein each methylene group present in said 3-7 membered cycloalkyl ring and said 4-7 membered heterocycloalkyl ring may be optionally
10 replaced by a C=O group, said alkyl, cycloalkyl, heterocycloalkyl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, C_1-C_6 alkyl, CN, NH_2 , NHR^{10} , $N(R^{10})_2$, OR^{10} , C_1-C_6 alkyl, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, CO_2R^{11} , $CONH_2$, $CONHR^{11}$, and $CONR^{11}R^{12}$.

19. The compound according to claim 1, wherein R^4 is selected from the group
15 consisting of H, C_1-C_6 alkyl, C_6-C_{10} aryl, and 5-10 membered heteroaryl, the alkyl, aryl and heteroaryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, OH, NO_2 , C_1-C_6 alkyl, $C(R^6)=CR^6R^7$, $C\equiv CR^6$, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, OC_1-C_6 alkyl, OC_3-C_7 cycloalkyl, OC_4-C_7 heterocycloalkyl, $C=N-OH$, $C=N-O(C_1-C_6 \text{ alkyl})$, NH_2 , NHR^6 , NR^6R^7 , SR^6 , SOR^6 , SO_2R^6 , CO_2R^6 ,
20 $CONH_2$, $CONHR^6$, $CONR^6R^7$, SO_2NH_2 , SO_2NHR^6 , $SO_2NR^6R^7$, $NHCOR^6$, NR^6CONR^6 , $NHCONHR^6$, NR^6CONHR^6 , $NHCONR^6R^7$, $NR^6CONR^6R^7$, $NHSO_2R^6$, $NR^6SO_2R^6$, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom.

20. The compound according to claim 19, wherein R^4 is selected from the group
25 consisting of H, C_1-C_6 alkyl, and C_6-C_{10} aryl, wherein the alkyl, and aryl moieties of the foregoing groups are optionally substituted by 1 to 3 substituents independently selected from the group consisting of H, halo, OH, NO_2 , C_1-C_6 alkyl, $C(R^6)=CR^6R^7$, $C\equiv CR^6$, C_3-C_7 cycloalkyl, C_4-C_7 heterocycloalkyl, OC_1-C_6 alkyl, OC_3-C_7 cycloalkyl, OC_4-C_7 heterocycloalkyl, $C=N-OH$, $C=N-O(C_1-C_6 \text{ alkyl})$, NH_2 , NHR^6 , NR^6R^7 , SR^6 , SOR^6 , SO_2R^6 , CO_2R^6 , $CONH_2$, $CONHR^6$, $CONR^6R^7$,
30 SO_2NH_2 , SO_2NHR^6 , $SO_2NR^6R^7$, $NHCOR^6$, NR^6CONR^6 , $NHCONHR^6$, NR^6CONHR^6 , $NHCONR^6R^7$, $NR^6CONR^6R^7$, $NHSO_2R^6$, $NR^6SO_2R^6$, with the proviso that O, N or S atom of the foregoing substituents may not be bound to a carbon atom bound to another heteroatom.

21. The compound according to claim 1, wherein R^5 is selected from the group
consisting of H, Br, Cl, CN, CF_3 , CH_2F , CHF_2 , SO_2CH_3 , $CONH_2$, C_6H_5 , $CONHR^6$, $CONR^6R^7$,
35 CO_2R^6 , $C(R^9)=C(R^9)_2$, and $C\equiv CR^9$.

22. The compound according to claim 21, wherein R^5 is selected from the group
consisting of H, Br, Cl, CN, CF_3 , CH_2F , CHF_2 , SO_2CH_3 , $CONH_2$, and C_6H_5 .

23. The compound according to claim 22, wherein R^5 is selected from the group
consisting of H, Br, Cl, CN, CF_3 , CH_2F , CHF_2 , SO_2CH_3 , and $CONH_2$.

40 24. A compound according to claim 1 selected from the group consisting of:

- 5 5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-p-tolyl-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-pyridin-2-yl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-pyridin-2-ylmethyl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 10 N⁴-Benzyl-5-bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-(1R-phenyl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 15 5-Bromo-N⁴-(1rac-phenyl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-(1S-phenyl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 4-((5-Bromo-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-4-ylamino)-methyl)-benzenesulfonamide
- 20 5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(4-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-(4-methoxy-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 25 5-Bromo-N⁴-(4-fluoro-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-(3-fluoro-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-naphthalen-1-ylmethyl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 30 5-Bromo-N⁴-(4-fluoro-3-trifluoromethyl-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-(3-fluoro-5-trifluoromethyl-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 35 5-Bromo-N⁴-(4-phenoxy-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N⁴-(3,4-difluoro-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(3-trifluoromethoxy-benzyl)-pyrimidine-2,4-diamine;
- 40

- 5 5-Bromo-N⁴-(4-chloro-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-thiophen-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N⁴-furan-2-ylmethyl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
10 5-Bromo-N⁴-(2-methyl-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(3-methyl-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
15 5-Bromo-N⁴-(4-methyl-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(2-fluoro-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
N⁴-Biphenyl-2-ylmethyl-5-bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
20 N⁴-Biphenyl-3-ylmethyl-5-bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(2-methoxy-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
25 5-Bromo-N⁴-(3-methoxy-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
3-({5-Bromo-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-4-ylamino}-methyl)-N-methyl-benzamide
5-Bromo-N⁴-(2-chloro-benzyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
30 5-Bromo-N⁴-phenethyl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(2-pyridin-2-yl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
35 5-Bromo-N⁴-(2-pyridin-4-yl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(2-pyridin-3-yl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-[2-(3-fluoro-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-40 5-yl]-pyrimidine-2,4-diamine;

- 5 5-Bromo-N⁴-(2-phenyl-cyclopropyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(2-phenyl-cyclopropyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine; (homo-chiral)
5-Bromo-N⁴-(2-phenyl-cyclopropyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine; (homo-chiral)
- 10 5-Bromo-N⁴-[2-(4-chloro-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(2-thiophen-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 15 5-Bromo-N⁴-[2-(2-fluoro-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-[2-(2-chloro-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-[2-(2-methoxy-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 20 N⁴-(2-Benzo[1,3]dioxol-5-yl-ethyl)-5-bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-(3-phenyl-propyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 25 5-(5-Bromo-4-phenethylamino-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(2-chloro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-(4-Benzylamino-5-bromo-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(1-phenyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(3-phenyl-propylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 30 5-Bromo-N⁴-(2-methanesulfonyl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
N⁴-Benzyl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
N⁴-Benzyl-N⁴-methyl-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 35 N⁴-Methyl-N⁴-(2-pyridin-2-yl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
[4-(2-Phenyl-morpholin-4-yl)-pyrimidin-2-yl]-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-amine
5-Methyl-N⁴-(2-pyridin-2-yl-ethyl)-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
- 40

- 5 5-Bromo-N²-(3-piperidin-4-yl-1H-indol-5-yl)-N⁴-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-Bromo-N²-[1-methanesulfonyl-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-Bromo-N²-[1-methanesulfonyl-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-pyridin-2-yl-pyrimidine-2,4-diamine;
10 5-Bromo-N²-(2-pyridin-2-yl-ethyl)-N⁴-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
3-{4-(2-Pyridin-2-yl-ethylamino)-2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamino]-pyrimidin-5-yl}-acrylic acid; ethyl ester;
15 5-{5-Bromo-4-[2-(3-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-Bromo-N⁴-[2-(3-chloro-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N⁴-[2-(3-chloro-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-20 5-yl]-pyrimidine-2,4-diamine;
5-{5-Bromo-4-[2-(4-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-Bromo-N⁴-[2-(4-methoxy-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
25 5-{5-Bromo-4-[2-(3-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-Bromo-N⁴-[2-(3-methoxy-phenyl)-ethyl]-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-[5-Bromo-4-(2-o-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
30 5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(2-o-tolyl-ethyl)-pyrimidine-2,4-diamine;
5-[5-Bromo-4-(2-m-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(2-m-tolyl-ethyl)-pyrimidine-2,4-diamine;
35 5-[5-Bromo-4-(2-p-tolyl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-Bromo-N²-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-N⁴-(2-p-tolyl-ethyl)-pyrimidine-2,4-diamine;
[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-acetic acid;
40 5-{5-Bromo-4-[2-(3-trifluoromethyl-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;

5 5-[4-(2-Biphenyl-4-yl-ethylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-{5-Bromo-4-[2-(3-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-{5-Bromo-4-[2-(2-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
10 2-one;
5-{5-Bromo-4-[2-(2-methoxy-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-{5-Bromo-4-[2-(4-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
15 5-{5-Bromo-4-[2-(4-chloro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-{5-Bromo-4-[2-(2-fluoro-phenyl)-ethylamino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(3-phenyl-allylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
20 5-{5-Bromo-4-[(thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
6-{5-Bromo-4-[(thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(2,3-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
25 one;
6-[5-Bromo-4-(2,3-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(2,5-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
30 6-[5-Bromo-4-(2,5-dimethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
6-[5-Bromo-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
6-[5-Bromo-4-(2-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
35 5-[5-Bromo-4-(3-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
6-[5-Bromo-4-(3-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(4-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
40 indol-2-one;

- 5 6-[5-Bromo-4-(4-trifluoromethoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(2-methoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(3-methoxy-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(3-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-
- 10 2-one;
- 5-[5-Bromo-4-[(thiazol-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-[5-Bromo-4-[(5-methanesulfonyl-thiophen-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 15 5-[5-Bromo-4-(2,3-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(2,3-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-[5-Bromo-4-(2,4-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Bromo-4-(2,4-difluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 6-[5-Chloro-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-
- 20 2-one;
- 5-Chloro-N2-(1-methyl-1H-indol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Chloro-N²-(1H-indazol-5-yl)-N⁴-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Chloro-N²-(1-methyl-1H-indol-5-yl)-N⁴-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 25 6-[5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 5-Chloro-N2-(1H-indazol-6-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 5-Chloro-N2-(1H-indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- (5-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indazol-1-yl)-acetic acid; tert-butyl ester;
- 30 (6-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indazol-2-yl)-acetic acid; tert-butyl ester;
- 6-[4-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 35 N2-(1-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;
- (6-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indol-1-yl)-acetic acid; tert-butyl ester;
- N4-Pyridin-2-ylmethyl-N2-quinolin-5-yl-5-trifluoromethyl-pyrimidine-2,4-diamine;
- 40 2-(6-[5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino]-indol-1-yl)-N-(2-methoxy-ethyl)-acetamide;

- 5 6-{5-Chloro-4-[(3-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
 (6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid;
 (6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid; tert-butyl ester;
- 10 N2-(1H-Indazol-6-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;
 (5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid; tert-butyl ester;
 (6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid;
- 15 (5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indol-1-yl)-acetic acid;
 (5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-indazol-1-yl)-acetic acid;
- 5-{5-Chloro-4-[(3-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 20 5-[5-Chloro-4-(3-methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 6-[5-Chloro-4-(3-methyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 5-[5-Chloro-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 6-[5-Chloro-4-(2-fluoro-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 25 5-[5-Bromo-4-(2-methoxy-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 5-[5-Chloro-4-(3-methyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 6-{5-Chloro-4-[(4-methyl-pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 5-(4-Benzylamino-5-chloro-pyrimidin-2-ylamino)-1,3-dihydro-indol-2-one;
- 30 5-Bromo-N2-(1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
 5-Bromo-N2-(1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
 5-Bromo-N2-(1H-indol-4-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
 5-Bromo-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
 5-Bromo-N2-(1H-indazol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 35 5-Bromo-N2-(1H-indol-4-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
 5-Bromo-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
 N2-(1H-Indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
 N2-(1H-Indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
 N2-(1H-Indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
- 40 N2-(1H-Indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
 N2-(1H-Indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;

- 5 N2-(1H-Indazol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-
benzoimidazol-2-one;
5-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-
benzoimidazol-2-one;
- 10 5-{4-[(Pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-benzoimidazol-2-
one;
5-[4-(2-Pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-benzoimidazol-2-one;
5-Bromo-N2-(1H-indazol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-
15 one;
5-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-[4-(2-Pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-Bromo-N2-(2-methyl-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
N2-(2-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 20 N2-(1H-Indol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(2-methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1H-indol-6-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1H-indol-6-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
N2-(1H-Benzoimidazol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 25 N2-(1H-Benzoimidazol-5-yl)-5-bromo-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
3-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-yl]-3H-benzoimidazol-5-ylamine
N2-(1H-Benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(2-methyl-1H-benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-
diamine;
- 30 N2-(2-Methyl-1H-benzoimidazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(2-methyl-1H-benzoimidazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-
2,4-diamine;
5-Bromo-N2-(2,3-dihydro-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-
diamine;
- 35 N2-(2,3-Dihydro-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
N2-(1-Methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(2,3-dihydro-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 40 5-Fluoro-N4-pyridin-2-ylmethyl-N2-quinolin-6-yl-pyrimidine-2,4-diamine;
5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-6-yl-pyrimidine-2,4-diamine;

- 5 5-Bromo-N2-(1H-indol-7-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-Bromo-N2-(1H-indol-7-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1H-indazol-4-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 10 5-Bromo-N2-(1H-indazol-4-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-6-yl-pyrimidine-2,4-diamine;
5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-5-yl-pyrimidine-2,4-diamine;
5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-5-yl-pyrimidine-2,4-diamine;
6-[5-Bromo-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 15 5-Bromo-N4-pyridin-2-ylmethyl-N2-quinolin-8-yl-pyrimidine-2,4-diamine;
5-Bromo-N4-(2-pyridin-2-yl-ethyl)-N2-quinolin-8-yl-pyrimidine-2,4-diamine;
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1H-indole-2-carboxylic acid; ethyl ester;
6-[5-Bromo-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-
- 20 2-one;
5-Bromo-N2-(1H-indazol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
5-Bromo-N2-(1H-indazol-6-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
5-Bromo-N2-(1-methyl-1H-indol-5-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
- 25 5-Bromo-N2-(1H-indazol-7-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1H-indazol-4-yl)-N4-(2-trifluoromethyl-benzyl)-pyrimidine-2,4-diamine;
6-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-3H-isobenzofuran-1-one;
- 30 N2-Benzothiazol-6-yl-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-{5-Bromo-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-2-methyl-1H-indole-3-carbonitrile
5-Bromo-N4-pyridin-2-ylmethyl-N2-(1-pyridin-2-ylmethyl-1H-indazol-5-yl)-pyrimidine-2,4-diamine;
- 35 N2-(1-Benzyl-1H-indol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N4-pyridin-2-ylmethyl-N2-(1-pyridin-2-ylmethyl-1H-indol-5-yl)-pyrimidine-2,4-diamine;
- 40 N2-(1-Benzyl-1H-indazol-5-yl)-5-bromo-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N2-(1-methyl-1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-Bromo-N4-(4-methyl-cyclohexyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;

5 5-Bromo-N4-(4-methyl-cyclohexyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Bromo-N4-cyclohexylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
1-(5-Fluoro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-yl)-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamine
10 4-yl)-1H-indol-5-ylamine
1-{5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-yl}-3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-ylamine
5-Fluoro-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-{5-Fluoro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
15 one;
5-Chloro-N2-(1H-indazol-5-yl)-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
5-{5-Chloro-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
one;
5-Fluoro-N4-(2-pyridin-2-yl-ethyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
20 pyrimidine-2,4-diamine;
5-Chloro-N4-(2-pyridin-2-yl-ethyl)-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Fluoro-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-[5-Fluoro-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
25 5-Chloro-N2-(1H-indazol-5-yl)-N4-(2-pyridin-2-yl-ethyl)-pyrimidine-2,4-diamine;
5-[5-Chloro-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-{4-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
indol-2-one;
5-{5-Methoxy-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
30 one;
5-[5-Methoxy-4-(2-pyridin-2-yl-ethylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
one;
5-[5-Methoxy-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
2-one;
35 5-{5-Bromo-4-[(cyclohex-1-enylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
2-one;
5-[5-Bromo-4-(methyl-pyridin-2-ylmethyl-amino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
indol-2-one;
5-[5-Bromo-4-(4-methyl-cyclohexylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
40 one;

- 5 5-[5-Bromo-4-(4-methyl-cyclohexylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(cyclohexylmethyl-amino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
5-[5-Chloro-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 10 2-(2-Oxo-2,3-dihydro-1H-indol-5-ylamino)-4-[(pyridin-2-ylmethyl)-amino]-pyrimidine-5-carbonitrile
5-{5-Methyl-4-[(pyridin-2-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
N2-(1H-Indazol-5-yl)-5-methyl-N4-pyridin-2-ylmethyl-pyrimidine-2,4-diamine;
- 15 5-Fluoro-N4-pyridin-2-ylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
5-Chloro-N4-pyridin-2-ylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
2-(2-Oxo-2,3-dihydro-1H-indol-5-ylamino)-4-(2-trifluoromethyl-benzylamino)-pyrimidine-5-carbonitrile
- 20 5-{4-[Methyl-(2-pyridin-2-yl-ethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
5-Bromo-N4-cyclohex-1-enylmethyl-N2-[3-(1,2,3,6-tetrahydro-pyridin-4-yl)-1H-indol-5-yl]-pyrimidine-2,4-diamine;
N2-(1H-Indazol-5-yl)-N4-pyridin-2-ylmethyl-5-trifluoromethyl-pyrimidine-2,4-diamine;
- 25 5-[5-Trifluoromethyl-4-(2-trifluoromethyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
6-{2-[(Pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-4-ylamino}-1,3-dihydro-indol-2-one;
5-[5-Bromo-4-(piperidin-4-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
- 30 5-[4-(1-Acetyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
2-(2-Oxo-2,3-dihydro-1H-indol-6-ylamino)-4-[(pyridin-2-ylmethyl)-amino]-pyrimidine-5-carbonitrile
5-{4-[(3-Methyl-pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
- 35 6-{4-[(3-Methyl-pyridin-2-ylmethyl)-amino]-5-trifluoromethyl-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-one;
4-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-1-carboxylic acid; tert-butyl ester;
- 40 5-[5-Bromo-4-(1-methanesulfonyl-piperidin-4-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;

- 5 5-[5-Bromo-4-(piperidin-3-ylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 4-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-
 1-carboxylic acid; ethylamide
 3-[5-Bromo-2-(2-oxo-2,3-dihydro-1H-indol-5-ylamino)-pyrimidin-4-ylamino]-piperidine-
 1-carboxylic acid; ethylamide
- 10 5-[4-(1-Benzoyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-dihydro-indol-
 2-one;
 6-[4-(3-Methanesulfonyl-benzylamino)-5-methoxy-pyrimidin-2-ylamino]-1,3-dihydro-
 indol-2-one;
 6-[4-(3-Methanesulfonyl-benzylamino)-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-
15 dihydro-indol-2-one;
 6-[4-(3-Methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-indol-2-one;
 5-[4-(1-Benzenesulfonyl-piperidin-4-ylamino)-5-bromo-pyrimidin-2-ylamino]-1,3-
 dihydro-indol-2-one;
 5-[4-(3-Methanesulfonyl-benzylamino)-5-trifluoromethyl-pyrimidin-2-ylamino]-1,3-
20 dihydro-indol-2-one;
 6-{5-Chloro-4-[(piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-
 one;
 6-{5-Chloro-4-[(1-methanesulfonyl-piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-
 1,3-dihydro-indol-2-one;
25 6-{5-Bromo-4-[(piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-1,3-dihydro-indol-2-
 one;
 6-{5-Bromo-4-[(1-methanesulfonyl-piperidin-3-ylmethyl)-amino]-pyrimidin-2-ylamino}-
 1,3-dihydro-indol-2-one;
 5-[5-Fluoro-4-(3-methanesulfonyl-benzylamino)-pyrimidin-2-ylamino]-1,3-dihydro-
30 indol-2-one;
 5-[5-Bromo-4-[(1-hydroxy-cyclohexylmethyl)-amino]-pyrimidin-2-ylamino]-1,3-dihydro-
 indol-2-one; and pharmaceutically acceptable salt, prodrug, hydrate or solvate of the
 aforementioned compounds
25. A method for the treatment of abnormal cell growth in a mammal comprising
35 administering to said mammal an amount of a compound of claim 1. that is effective in treating
 abnormal cell growth.
26. A method according to claim 25 wherein said abnormal cell growth is cancer.
27. A method according to claim 26 wherein said cancer is selected from lung
 cancer, bone cancer, pancreatic cancer, skin cancer, cancer of the head or neck, cutaneous or
40 intraocular melanoma, uterine cancer, ovarian cancer, rectal cancer, cancer of the anal region,
 stomach cancer, colon cancer, breast cancer, uterine cancer, carcinoma of the fallopian tubes,

5 carcinoma of the endometrium, carcinoma of the cervix, carcinoma of the vagina, carcinoma of
the vulva, Hodgkin's Disease, cancer of the esophagus, cancer of the small intestine, cancer of
the endocrine system, cancer of the thyroid gland, cancer of the parathyroid gland, cancer of the
adrenal gland, sarcoma of soft tissue, cancer of the urethra, cancer of the penis, prostate
cancer, chronic or acute leukemia, lymphocytic lymphomas, cancer of the bladder, cancer of the
10 kidney or ureter, renal cell carcinoma, carcinoma of the renal pelvis, neoplasms of the central
nervous system (CNS), primary CNS lymphoma, spinal axis tumors, brain stem glioma, pituitary
adenoma, or a combination of one or more of the foregoing cancers.

27. A method for the treatment of cancer solid tumor in a mammal comprising
administering to said mammal an amount of a compound of claim 1 that is effective in treating
15 said cancer solid tumor.

28. The method according to claim 27, wherein said cancer solid tumor is breast,
lung, colon, brain, prostate, stomach, pancreatic, ovarian, skin (melanoma), endocrine, uterine,
testicular, and bladder.

29. A method for the treatment of abnormal cell growth in a mammal which
20 comprises administering to said mammal an amount of a compound of claim 1 that is effective in
treating abnormal cell growth in combination with an anti-tumor agent selected from the group
consisting of mitotic inhibitors, alkylating agents, anti-metabolites, intercalating antibiotics, growth
factor inhibitors, radiation, cell cycle inhibitors, enzymes, topoisomerase inhibitors, biological
response modifiers, antibodies, cytotoxics, anti-hormones, and anti-androgens.

25 30. A pharmaceutical composition for the treatment of abnormal cell growth in a
mammal comprising an amount of a compound of claim 1 that is effective in treating abnormal
cell growth, and a pharmaceutically acceptable carrier.